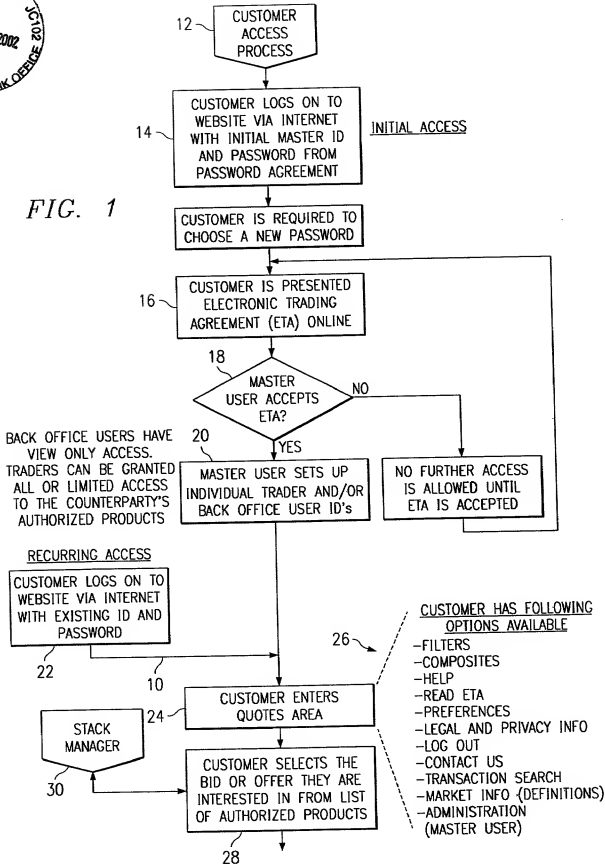




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FIG. 1



00000001.000000

200280"18256860



FIG. 2

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EnronOnline - Microsoft Internet Explorer provided by Global Enron Migration Project

File Edit View Favorites Tools Help

Address <https://www.eolpara.enrononline.com/home>

EnronOnline

ADMINISTRATION | CONTACT US | READ ETA | LEGAL & PRIVACY | HELP | NEW FEATURES | LINKS | LOGOUT

PERSONALIZE MYQUOTES | POSITIONS | TRANSACTION HISTORY | AUCTIONS

Product Type	Location	Reference Period	Unit	Bid		Offer	
				Volume	Price	Price	Volume
US Gas PHY	Algonquin Gated	Aug01	USD/MM	1000	6.525	6.535	1000
US Gas PHY	FGT Zone 2	Apr01	USD/MM			5.30	1000
US Gas PHY	FGT Zone 2	19-28Feb01	USD/MM				
US Gas PHY	FGT Zone 2	Feb01	USD/MM	1000	5.18	5.35	1000
US Gas PHY	FGT Zone 2	May-Jun01	USD/MM	1000	5.28		
US Gas PHY	FGT Zone 2	Apr-Jun01	USD/MM			5.28	1000
US Gas PHY	FGT Zone 2	Mar-Jun01	USD/MM	5000	5.9775	5.9875	5000
US Gas PHY	FGT Zone 2	Apr-Sep01	USD/MM	1000	5.24		
US Gas PHY	FGT Zone 2	Jul01	USD/MM				
US Gas PHY	Michcon	Feb-Apr01	USD/MM			5.33	1000
US Gas PHY	Michcon	Jul01	USD/MM	5000	5.78	5.81	5000
US Gas PHY	Waha PoolX	13Feb01	USD/MM	1000	4.71	5.25	1000
US NG Fin. Swap.	NYMEX	Jul01	USD/MM	10000	3.925	3.935	10000

MAIN / OPTIONS / TODAY'S TRANSACTIONS

Done

Internet

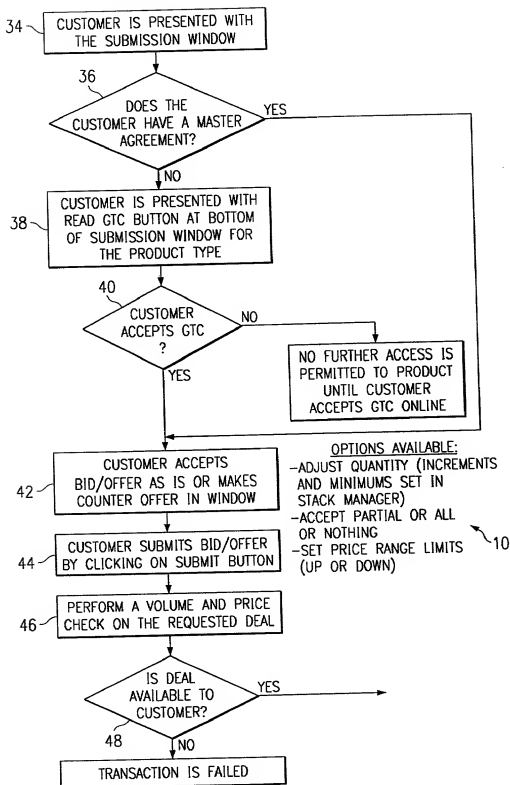
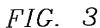
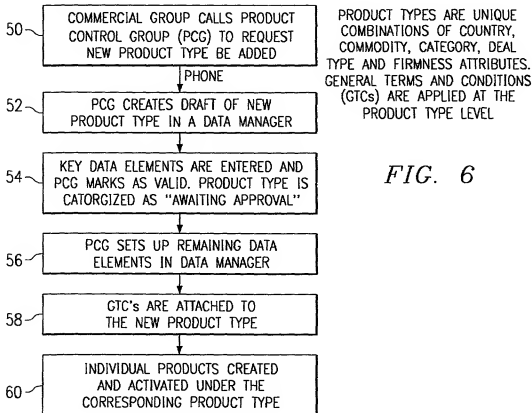


FIG. 4



Buy product	
<input checked="" type="radio"/> Create Submission	<input type="radio"/> Create Price Limit Order
You want to buy	Adjustment Quantity: 10
10000	Minimum Quantity: 10
US NG Fin. Swap NYMEX	Jul01 USD/MM
from Enron for 3.935	
<input type="radio"/> All or Nothing <input checked="" type="radio"/> Accept Partial Volume	<input type="checkbox"/> Set Price Range Limit Acceptable Price: 3.935
SUBMIT	CLEAR
EnronOnline utilizes SSL technology for securing the transfer of your submission data to Enron	



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FIG. 5

Transaction History - Microsoft Internet Explorer

ID	TYPE	PRODUCT DESCRIPTION	VOLUME	PRICE	TIMESTAMP YYYY-MM-DD HH MM SS	USER	MASTER AGREEMENT
61949	Sell	UK Cos PHY Fnd Q1 02 NBP p/TH	25000 0	11.925	1999-11-11 15:08:42	CIPRTY17	N
61950	Sell	UK Cos PHY OPT DEC 99 Bdc Eucall 0.75p/TH	25000 0	10.13	1999-11-11 15:09:06	CIPRTY17	N
61951	Sell	UK Cos PHY Swap DEC99 NBP p/TH 70/50	10000 0	49.23	1999-11-11 15:09:25	CIPRTY17	N
61952	Buy	UK Cos PHY Cap DA Tees p/TH	1000 0	7.93	1999-11-11 15:09:42	CIPRTY17	N
61953	Buy	LSFO-HSFO FIN Swap Q4 00 Plants USD/ml	5000 0	3.35	1999-11-11 15:10:04	CIPRTY17	N
61954	Buy	UK Cos FIN Swap Q2 02 IPE p/TH	25000 0	12.02	1999-11-11 15:10:29	CIPRTY17	N
61955	Sell	LSFO-HSFO FIN Swap Q3 00 Plants USD/ml	5000 0	7.5	1999-11-11 15:10:38	CIPRTY17	N
61956	Buy	LSFO-HSFO FIN Swap Q1 00 Plants USD/ml	1500 0	5.0	1999-11-11 15:10:48	CIPRTY17	N
61957	Buy	LSFO-HSFO FIN Swap Q3 00 Plants USD/ml	6000 0	8.0	1999-11-11 15:10:48	CIPRTY17	N
61958	Buy	LSFO-HSFO FIN Swap Q1 00 Plants USD/ml	5000 0	5.74	1999-11-11 15:10:53	CIPRTY17	N
61959	Sell	ESP Power FIN Swap Q1 00 PMH-TW BASE ESP/MWh	2400 0	6.18	1999-11-11 15:11:13	CIPRTY17	N
61960	Buy	ESP Power FIN Swap Q1 00 PMH-TW INCO-Eo11pks ESP/*Art	11000 0	4.0	1999-11-11 15:11:22	CIPRTY17	N
61961	Sell	GER Power FIN Swap Q1 00 PMH-TW VA/Doks ESP/*Art	500 0	30.77	1999-11-11 15:11:25	CIPRTY17	N
61962	Buy	GER Power FIN Swap Q1 00 PMH-TW VA/Doks ESP/*Art	500 0	6.18	1999-11-11 15:11:25	CIPRTY17	N
61963	Sell	GER Power FIN Swap Q1 00 PMH-TW VA/Doks ESP/*Art	500 0	30.77	1999-11-11 15:11:25	CIPRTY17	N
61964	Sell	BEL Cos PHY OPT DEC 99 IZTO PUT 12p/TH	10000 0	12.875	1999-11-11 15:12:07	CIPRTY17	N
61965	Buy	BEL Cos PHY Loc Swap DEC99 IZTO NBP p/TH	5000 0	2.2	1999-11-11 15:12:24	CIPRTY17	N
61966	Buy	BEL Cos PHY Fnd Q1 00 IZTO p/TH	25000 0	12.69	1999-11-11 15:13:21	CIPRTY17	N
61967	Sell	BEL Cos PHY Fnd Q1 00 IZTO p/TH	25000 0	10.55	1999-11-11 15:13:27	CIPRTY17	N
61968	Buy	BEL Cos PHY Fnd Q1 00 IZTO p/TH	25000 0	2.14	1999-11-11 15:13:31	CIPRTY17	N
61969	Buy	UK Cos PHY Fnd JAN00 NBP p/TH	20 0	40.87	1999-11-11 15:13:48	CIPRTY17	N
61970	Sell	UK Power FIN Swap EFA Q1 00 PPP BASE Eucall 2309 PXXXX	20 0	19.8	1999-11-11 15:14:03	CIPRTY17	N
61971	Buy	UK Power FIN Swap EFA Q2 00 PPP BASE GBPXXXX	25000 0	11.95	1999-11-11 15:15:00	CIPRTY17	N
61972	Buy	UK Cos PHY Fnd Q1 22 NBP p/TH	25000 0	10.12	1999-11-11 15:15:04	CIPRTY17	N
61973	Buy	UK Cos PHY Swap DEC99 Bdc Eucall 9.75p/TH	1000 0	50.18	1999-11-11 15:15:08	CIPRTY17	N
61974	Sell	UK Cos PHY Cap DA Tees p/TH	1000 0	7.96	1999-11-11 15:15:15	CIPRTY17	N
61975	Buy	Ger Power FIN Swap APR00 CEPI BASE DEWXXXX	5 0	31.02	1999-11-11 15:15:25	CIPRTY17	N
61976	Sell	Bel Cos PHY OPT DEC99 IZTO PUT 12p/TH	10000 0	12.85	1999-11-11 15:15:31	CIPRTY17	N
61977	Buy	UK Cos PHY Fnd JAN00 NBP p/TH	25000 0	2.19	1999-11-11 15:15:37	CIPRTY17	N
61978	Buy	UK Cos PHY OPT DEC99 Bdc Eucall 9.75p/TH	25000 0	10.8	1999-11-11 15:16:02	CIPRTY17	N

SEARCH BY DATE

ON OR AFTER

Nov

11

1999

SEARCH

ON FOR BEFORE

Nov

11

2000

PRICE

COMMODITY

CURRENCY

VOLUME

TIMESTAMP

DESCRIPTION

PRODUCT

DESCRIPTION

[illegible]

Add Product of Type - US Gas FIN OPT			
Product Details		Quote Details/Trading Hours	
<input type="text"/>		<input type="button" value="View Desc"/>	
Quote Details			
Normally Trades in	<input type="text"/>	MinimumTradeQuantity	<input type="text"/>
Offered in	<input type="text"/>	Maximum Trade Quantity	<input type="text"/>
Quoted in	<input type="text"/>	Volumetric Increment	<input type="text"/>
per	<input type="text"/>	Price Ticksize	<input type="text"/>
Suppress FX email notification? <input type="checkbox"/>			
Trading Hours			
Trading Timezone	<input type="text"/>	Trading Normally Starts	<input type="text" value="08:00 AM"/>
Product Trades on	C1 Eur ST	Trading Normally Stops	<input type="text" value="06:00 PM"/>
	C1 US DT	Trading Starts Today	<input type="text" value="08:00 AM"/>
	C1 US ST		
	Eas Eur DT	Trading Stops Today	<input type="text" value="06:00 PM"/>
	Eas Eur ST		
	Eas SA DT		
Eas SA ST			
Eas US DT			

200280" 19256660



FIG. 8

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EnronOnline - Product Manager

US Gas FIN OPT

☒ US Coal PR88800 PHY Fwd
☒ US Crude Brent FIN Swap
☒ US Crude WTI FIN Swap
☒ US Crude WTI PHY Fwd
☒ US Crude WTI PHY Index
☒ US East Power PHY Fwd FIRM
☒ US Emission NOx EA PHY Fwd
☒ US Emission SO2 EA PHY Fwd
☒ US Emission SO2 EA PHY OPT
☒ US Ethylene FIN Swap
☒ US Gas FIN BBSwap
☒ US Gas FIN OPT

☐ Active
☒ Draft
☐ Rejected
☐ US Gas FIN Swap

☐ Active
☒ US Gas FIN Swap
☐ US Gas FIN Swap APR-0
☐ US Gas FIN Swap BOM 0
☐ US Gas FIN Swap BOM 0
☐ US Gas FIN Swap BOM 0
☐ US Gas FIN Swap BOM 0
☐ US Gas FIN Swap BOM 0
☐ US Gas FIN Swap JAN00
☐ US Gas FIN Swap Q1 00

☐ Draft
☒ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap
☐ US Gas FIN Swap

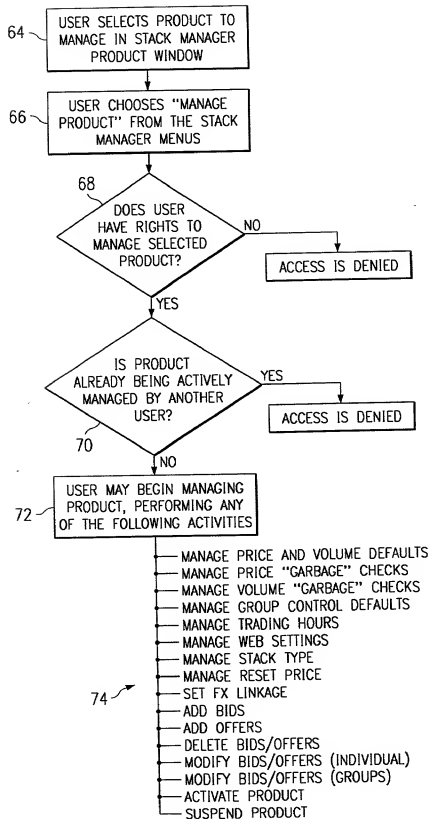
Add Product of Type - US Gas FIN OPT
 Product Details | Quote Details/Trading Hours | Garbage Checking | Transactions

Product Type: US Gas FIN OPT
 Location:
 Region:
 Delivers On:
 Delivery Frequency:
 Lifespan: ☒
 Tokenised?:
 Enron Entity:
 Index:
 Term Type:
 Start Date: 12 Aug 1999
 End Date: 12 Aug 1999

Option Type:
 Strike:
 Expiry Date: 12 Aug 1999
 Use Rule? ☐

STARA/TAGS/ENPOWER Risk Book Assignment
 Save Close

FIG. 9



00000001.00000000

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FIG. 10

Stock Manager Product # 3270 NBR Pwr Swap DKT BASE Sum00 DKK/MWh

User Products Product Stock Map

Transaction Bar: Transaction Error! Product #2576 NBR Pwr Swap DKT BASE. Message: Energy WMS FAILURE PRICE IS NOT AVAILABLE.

Spread: 0.00%

Volume Delta: 0 + Bid Offer All

Price Delta: 0.25 + Bid Offer All

My Products (Other Products) All Products

Product	Status	Base	Product	Volume
1218 US Power Fm Swap DKT BASE Sum00 DKK/MWh	Active			35
1218 US Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1588 US Emission Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1588 US Emission Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1587 UK Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1586 UK Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35

Current Stack Window: Bid 55.00 Offer 55.00

Today's Transactions Window: Buy/Sell All Product Contingency Product ID Product Buy/Sell Volume Price Extended User

Time Stamp	Contingency	Product ID	Product	Buy/Sell Volume	Price	Extended User
12/2/95 2:35:06 PM	Accord Energy Ltd.	3270	NBR Pwr Swap DKT BASE Sum00 DKK/MWh	10	37.8200	CIPR112

User: some-product_id Thursday, December 08, 1995 Ver. 10.2.2

Transaction Bar: Transaction Error! Product #2576 NBR Pwr Swap DKT BASE. Message: Energy WMS FAILURE PRICE IS NOT AVAILABLE.

Spread: 0.00%

Volume Delta: 0 + Bid Offer All

Price Delta: 0.25 + Bid Offer All

My Products (Other Products) All Products

Product	Status	Base	Product	Volume
1218 US Power Fm Swap DKT BASE Sum00 DKK/MWh	Active			35
1218 US Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1588 US Emission Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1588 US Emission Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1587 UK Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35
1586 UK Power Fm Swap DKT BASE Sum00 DKK/MWh	Inactive			35

Current Stack Window: Bid 55.00 Offer 55.00

Today's Transactions Window: Buy/Sell All Product Contingency Product ID Product Buy/Sell Volume Price Extended User

Time Stamp	Contingency	Product ID	Product	Buy/Sell Volume	Price	Extended User
12/2/95 2:35:06 PM	Accord Energy Ltd.	3270	NBR Pwr Swap DKT BASE Sum00 DKK/MWh	10	37.8200	CIPR112

User: some-product_id Thursday, December 08, 1995 Ver. 10.2.2

TRANSACTION BAR

TABS AREA

CURRENT STACK WINDOW

TODAY'S TRANSACTIONS WINDOW

STATUS BAR

DATABASE
MESSAGE BAR
GROUP
CONTROLS
BARDEPENDENCIES
WINDOWOTHER
STACK
WINDOW

HEARTBEAT

FIG. 11 10/17



Product #: 173			
Bid		Offer <	
9,000	9,500	25,000	9,500
25,000	9,450	25,000	9,600
25,000	9,400	25,000	9,650
25,000	9,350	25,000	9,700
25,000	9,300	25,000	9,750

Price Delta:	0.050	<input type="button" value="+ Bid"/>	<input type="button" value="+ Offer"/>	<input type="button" value="+ All"/>
Volume Delta:	500	<input type="button" value="+ Bid"/>	<input type="button" value="+ Offer"/>	<input type="button" value="+ All"/>
Spread Amount:	5.000	<input type="button" value="+ Bid"/>	<input type="button" value="+ Offer"/>	<input type="button" value="Keep Mid"/>
Selected Items				
0.050 <input type="button" value="Change Price"/>				
500 <input type="button" value="Change Volume"/>				
<input type="button" value="Delete Selected"/>				

FIG. 12

Product #: 1872 - UK Gas PHY fwd BW NBP p/TH - Active			
Read Only			
Manager: AOMAR	Access Level: Read/Trade	Is Base Product: No	
Time: (GMT)			
Trade Start Time (0:23 hours)	<input type="text" value="8"/> : <input type="text" value="0"/>	Trade End Time (0:23 hours)	<input type="text" value="18"/> : <input type="text" value="0"/> <input type="button" value="Keep Awake"/>
Price Controls			
Price Delta:	<input type="text" value="0.05"/>	<input checked="" type="checkbox"/> Absolute Price Check	<input type="checkbox"/> Percent Price Check
Garbage Check Price:	<input type="text" value="9.85"/>	Warning Change:	<input type="text" value="4.00"/>
<input checked="" type="checkbox"/> Constant Spread Amount	<input type="text" value="0.50"/>	Failure Change:	<input type="text" value="4.99"/>
		Warning Percent:	<input type="text" value="20"/>
		Failure Percent:	<input type="text" value="20"/>
		<input checked="" type="checkbox"/> Total Periods:	<input type="text" value="7.50"/>
Volume Controls			
Volume Delta:	<input type="text" value="5000"/>	Link:	<input type="text" value="Stand Alone"/>
Volume Warning:	<input type="text" value="500000"/>	Reset:	<input type="text" value="xxxxxx"/>
		<input type="text" value="Stand Alone"/>	<input type="text" value="5000"/>
		<input type="text" value="Basis Link"/>	<input type="text" value="25000"/>
		<input type="text" value="Syncopated Stack"/>	
		<input type="text" value="Syncopated Basis"/>	
WEB Settings			
Changing of the WEB settings will suspend the product			
Volume Increment:	<input type="text" value="5000"/>	Price Tick:	<input type="text" value="0.05"/> <input checked="" type="checkbox"/> Visible on WEB
Min Volume:	<input type="text" value="10000"/>	<input type="button" value="Cancel"/>	

20020914 10:55:00

STACK &
PRICES
OF THE
BASIS
LINK
PRODUCT

FIG. 13

[illegible]

**ADDITIVE PRICE SHOWN TO CUSTOMER
OF THE BASIS LINK PRODUCT**



00000001.002002

MANAGE STACK TYPE

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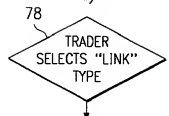
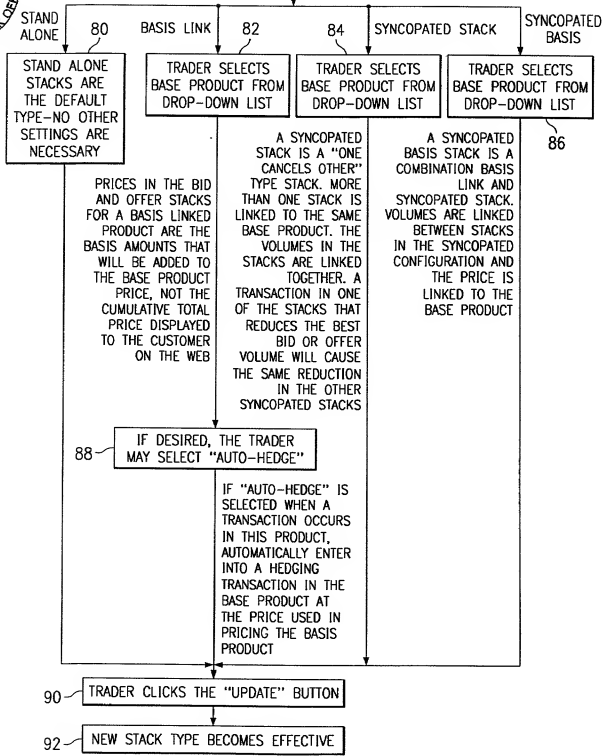


FIG. 14



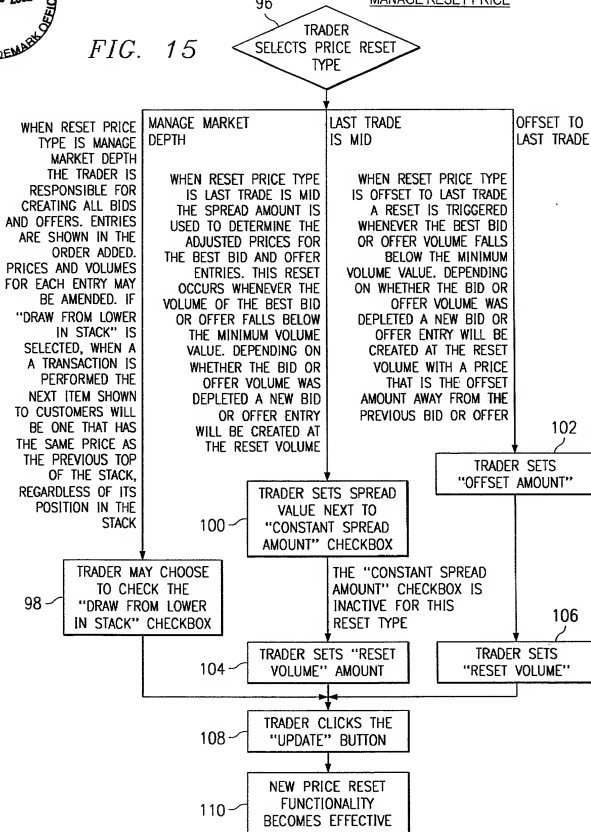


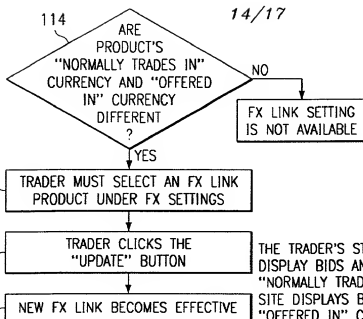
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MANAGE RESET PRICE

FIG. 15





200200"18256860



FIG. 18

ECOLTEST - Citris ICA Client

Stack Manager Product #: 1798 NOR Power FIN Swap YR2001 SYS BASE NOX/MWh

User: Products Product: Stock Help

Product

Today is Friday, December 3, 1999

Stand Alone: Manage Market Depth Price Delta: 2.25 Bid Offer All Volume Delta: 1 Bid Offer All Spread Amount: 150.1 Move Bid Offer Keep bid

My Products Other Products All Products

#	Product	Status	Base Product #	Volume	Bid Price	Offer Price	Volu
1588	UK Power FIN Swap EFA Win00 PPP LS44 GBP/MWh	Inactive		15	32.00	33.00	120
1597	UK Power FIN Swap EFA Sum00 PPP LS44 GBP/MWh	Inactive		45	18.50	19.70	5
1589	US Emission NO EPA ATS YR2000 USD/EA	Inactive					
1590	US Emission NO EPA ATS YR2000 USD/EA	Inactive					
1591	UK Power FIN Swap EFA Win01 PPP LS44 GBP/MWh	Inactive		120	30.40	30.60	20
1592	UK Power FIN Swap EFA Sum01 PPP LS44 GBP/MWh	Inactive		120	19.50	19.60	20
1593	NOR Power FIN Swap YR2000 SYS BASE NOX/MWh	Inactive					
1787	NOR Power FIN Swap YR2001 SYS BASE NOX/MWh	Inactive					
1798	NOR Power FIN Swap YR2002 SYS BASE NOX/MWh	Inactive					
1800	NOR Power FIN Swap YR2003 SYS BASE NOX/MWh	Inactive					
1801	NOR Power FIN Swap YR2004 SYS BASE NOX/MWh	Inactive					
1824	UK Gas PHY Fwd JAN00 NBP p/Wh	Inactive		25,100	1.75	2.44	25.0
2093	CAN Gas Swap CGR AECO JAN-0000 USD/GJ	Inactive		1,000	3.7777	3.8462	1.00

Dependencies

Product	Bid	Offer
1755 UK Gas PHY Fwd		12.85
1756 UK Gas PHY Fwd		10.00
1757 UK Gas PHY Fwd		11.7111
1758 UK Gas PHY Fwd		10.9012
1759 UK Gas PHY Fwd		10.4710
1760 UK Gas PHY Fwd		8.60
1761 UK Gas PHY Fwd		9.95

My Products Other Products All P

Buy/Sell All Product Counterparty

Time Stamp Product ID Product Buy/Sell Volume Price

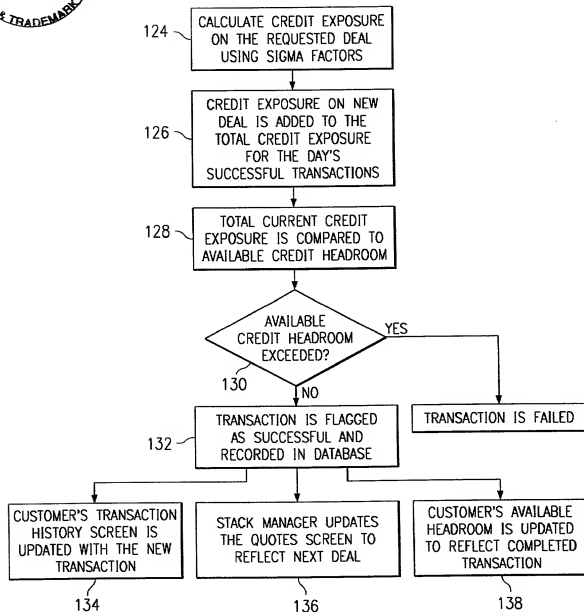
POTENTIAL FX CANDIDATE

FX PRODUCT COMMODITY IS LINKED TO

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FIG. 19





09895281.000002

